

**Betty Dejong**

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**From:** Louis Bullock  
**Sent:** Tuesday, March 25, 2008 6:48 PM  
**To:** Bond, Michael R.  
**Cc:** Kelly.Burch@oag.ok.gov; Baker, Fred; David Riggs; David Page; Daniel.Lennington@oag.ok.gov; Richard Garren; Bob Nance; Trevor.Hammons@oag.ok.gov; Xidis, Claire; Ward, Liza; Bob Blakemore  
**Subject:** USGS Data  
**Attachments:** Illinois.River.9.2007.to.3.2008.xls

Michael:

Attached is the USGS Data mentioned in my letter of this date.

Louis





P00671	Orthophosphate, water, filtered, milligrams per liter as phosphorus				
P00666	Phosphorus, water, filtered, milligrams per liter				
P00665	Phosphorus, water, unfiltered, milligrams per liter				
P00680	Organic carbon, water, unfiltered, milligrams per liter				
P99601	Enterococci, Defined Substrate Technology, water, most probable number per 100 milliliters				
P50468	Escherichia coli, Defined Substrate Technology, water, most probable number per 100 milliliters				
P50469	Fecal coliform, M-FC MF method, bed sediment, dry weight, colonies per gram				
P50569	Total coliform, Defined Substrate Technology, water, most probable number per 100 milliliters				
P01106	Aluminum, water, filtered, micrograms per liter				
P01105	Aluminum, water, unfiltered, recoverable, micrograms per liter				
P01095	Antimony, water, filtered, micrograms per liter				
P01097	Antimony, water, unfiltered, micrograms per liter				
P01000	Arsenic, water, filtered, micrograms per liter				
P01002	Arsenic, water, unfiltered, micrograms per liter				
P01005	Barium, water, filtered, micrograms per liter				
P01007	Barium, water, unfiltered, recoverable, micrograms per liter				
P01010	Beryllium, water, filtered, micrograms per liter				
P01012	Beryllium, water, unfiltered, recoverable, micrograms per liter				
P01025	Cadmium, water, filtered, micrograms per liter				
P01027	Cadmium, water, unfiltered, micrograms per liter				
P01030	Chromium, water, filtered, micrograms per liter				
P01034	Chromium, water, unfiltered, recoverable, micrograms per liter				
P01035	Cobalt, water, filtered, micrograms per liter				
P01037	Cobalt, water, unfiltered, recoverable, micrograms per liter				
P01040	Copper, water, filtered, micrograms per liter				
P01042	Copper, water, unfiltered, recoverable, micrograms per liter				
P01046	Iron, water, filtered, micrograms per liter				
P01045	Iron, water, unfiltered, recoverable, micrograms per liter				
P01049	Lead, water, filtered, micrograms per liter				
P01051	Lead, water, unfiltered, recoverable, micrograms per liter				
P01056	Manganese, water, filtered, micrograms per liter				
P01055	Manganese, water, unfiltered, recoverable, micrograms per liter				
P01060	Molybdenum, water, filtered, micrograms per liter				
P01062	Molybdenum, water, unfiltered, recoverable, micrograms per liter				
P01065	Nickel, water, filtered, micrograms per liter				
P01067	Nickel, water, unfiltered, recoverable, micrograms per liter				
P01145	Selenium, water, filtered, micrograms per liter				



07196500	Illinois River near Tahlequah, OK	Oct 10 2007	1130	664.14	3.17	564	959	10	
07196500	Illinois River near Tahlequah, OK	Oct 4 2007	1620	664.14	4.36	1240	959	40	
07196500	Illinois River near Tahlequah, OK	Dec 6 2007	1430	664.14	2.29	188	959	<	2
07196500	Illinois River near Tahlequah, OK	Dec 13 2007	1215	664.14			959		
07196500	Illinois River near Tahlequah, OK	Jan 9 2008	1500	664.14	6.16	2810	959	10	50
07196500	Illinois River near Tahlequah, OK	Feb 7 2008	0945	664.14			959	E	1.4
07196500	Illinois River near Tahlequah, OK	Feb 18 2008	1415	664.14			959	10	400
07196500	Illinois River near Tahlequah, OK	Mar 20 2008	1100	664.14	19.16	40500	959	10	
07197000	Baron Fork at Eldon, OK	Oct 4 2007	1130	701.14	6.85	658	307	10	3.5
07197000	Baron Fork at Eldon, OK	Oct 9 2007	1430	701.14	6	231	307	10	2
07197000	Baron Fork at Eldon, OK	Dec 4 2007	1130	701.14	5.18	38	307	<	2
07197000	Baron Fork at Eldon, OK	Dec 13 2007	1030	701.14			307	<	2
07197000	Baron Fork at Eldon, OK	Jan 10 2008	1100	701.14			307	E	1.3
07197000	Baron Fork at Eldon, OK	Feb 18 2008	1130	701.14			307	40	55
07197000	Baron Fork at Eldon, OK	Mar 19 2008	1700	701.14	14.53	11200	307	10	
07197360	Caney Creek near Barber, OK	Oct 4 2007	1400		5.48	104	89.6	10	2
07197360	Caney Creek near Barber, OK	Oct 9 2007	1130		5.07	50	89.6	10	2
07197360	Caney Creek near Barber, OK	Dec 4 2007	1330		4.45	15	89.6	<	2
07197360	Caney Creek near Barber, OK	Feb 17 2008	1600				89.6	40	26
07197360	Caney Creek near Barber, OK	Mar 19 2008	1400		9.95	2170	89.6	10	

P63680	P00025	P00300	P00400	P90095	P00095	P00020	P00010	P00915	P00916	P00925	P00927	P00935
57	742	7.9	7.6	251	248		21.5	33.8	35.9	1.7	1.79	4.74
12	745	7.2	8.1	362	363		19	52.8	51.5	2.35	2.15	5.26
3.7	742	10.5	8	387	394	2.5	7.7	53.5	56.3	2.34	2.27	5.3
15	729	6.5	7.3	309	305	2.7	8.8	41	43.6	1.93	1.88	4.59
6	745	10.9	8.5		395	9.3	11.5					
	745	11.6	7.6		228	4.4	7.8					
430	739	10.1	6.2		132		10					
0.9	748	6.1	7.8	357	359	25.5	21.4	47.8	45.6	2.38	2.15	5.46
	743	8.3	7.6	260	262	26.7	22.3	35.6	34.7	1.9	1.77	5.36
0.6	746	7.1	7.8	358	356		11.3	49.2	50.1	2.41	2.38	4.66
4.1	740	10.7	7.7	274	284		10.6	38.9	41.3	1.95	1.89	4.29
	742	10.7	7.9	215	224	2.3	10.4	30	31.7	1.62	1.59	3.66
3	730	11.5	8.4	311	318	24.3	11.4	44	42.6	2.17	2.04	4.13
93	728	10.4	7.6		177	3.2	8.6					
400	711	8.7	7.1		109	4.4	11.5					
64	742	6.7	7.5	248	249		23	34.2	35.4	1.74	1.8	4.89
2.3		6.8	8	334	334		19.2	48.6	47.7	2.28	2.09	4.8
1.1	745	9.6	7.9	363	365	2.3	7.6	52.6	53.1	2.46	2.28	4.96
8	744	6.1	7.5	315	308	2	9.3	41.2	44.3	2	1.96	4.46
1.2	727	11.6	8.4	344	345	9.3	10.8	47	46.7	2.18	2.15	4.34
	745	10.8	7.6		210	7.2	8.5					
400	739	9.4	6.6		101		11.2					



P00937	P00930	P00929	P39086	P00453	R00452	P00452	P00940	P00945	P70300	R00625	P00625	R00608	P00608
4.82	8.29	9	90	109		0	9.75	10.1	145		0.6 E		0.011
5.04	16.8	16.3	130	157 <		1	17.6	16.4	220		0.28 E		0.015
5.2	20.8	20.5	142	172 <		1	21.7	20.5	234		0.2 <		0.02
4.5	14.2	14.5	108	130 <		1	16.3	17	179		0.37		0.029
			123	148 <		1					0.2 E		0.014
			65	79 <		1					0.85		0.045
			29	35		0							
5.28	15.8	16.6	109	132		0	20.1	20.8	208 E		0.1 E		0.013
4.93	9.93	9.8	89	108 <		1	11.7	13.2	151		0.48 <		0.02
5.15	16.1	17	112	135 <		1	20.4	22.3	209		0.23 E		0.011
4.02	9.68	9.4	90	109 <		1	12.5	14.8	167		0.28 E		0.011
3.72	6.37	6	57	69 <		1	7.9	10.7	134		0.44		0.03
3.71	13.3	12.3	91	<		1	15.9	19.6	184		0.14 <		0.02
			51	62 <		1					1.3		0.072
			30	37 <		1							
4.9	9.12	9.5	9	104		0	10.3	10.7	139		0.55 <		0.02
4.43	14.2	14.1	120	145 <		1	15.2	15.1	196		0.15 <		0.02
4.59	19.8	18.6	129	156 <		1	20.3	19.8	214 E		0.14 <		0.02
4.37	14.5	14.4	106	128 <		1	16.7	18.5	186		0.3 E		0.016
3.94	15.6	15.6	111	135 <		1	18.6	20.1	192		0.15 E		0.01
			59	72 <		1					0.87		0.041
			28	34		0							



P00631	R00613	P00613	P00671	P00666	P00665	P00680	P99601	R50468	P50468	R50469	P50469	R50569	P50569
1.77		0.007	0.146	0.156	0.273	5.2							
2.63		0.006	0.071	0.08	0.105	2.1			100				16000
2.28		0.003	0.037	0.048	0.051	2		<	1				1300
2.09		0.004	0.086	0.092	0.122	3.5							
2.84		0.005	0.014	0.022	0.034		2			<	1		680
3.49		0.007	0.144	0.161	0.309		1400		2500				40000
							3300		16000			>	2400
2.91		0.005	0.265	0.282	0.281	1.3							
2.53		0.008	0.35	0.35	0.41	4.2			3600				48000
3.52		0.003	0.215	0.217	0.213		20	<	1				1100
3.7		0.002	0.205	0.208	0.247	3.2	240		1300				5800
4.17		0.006	0.164	0.175	0.214	3.8	290		5800				19000
4.52		0.004	0.173	0.191	0.191		2	<	1				800
3.19		0.009	0.25	0.295	0.48								
									15000				82000
1.61		0.005	0.165	0.168	0.292	4.1							
2.22		0.003	0.097	0.101	0.106	2			200				8900
2.07		0.002	0.05	0.053	0.055	1.2		<	1				850
2.77		0.004	0.111	0.116	0.129	2.6	200		430				2600
2.75		0.004	0.03	0.041	0.048		5		55				1100
3.28		0.006	0.153	0.169	0.29		2100		2600				24000
							6200		24000				170000





















					3045
<	2				3052
E	1.6				
	3.9				3053
		10	60		3053
					3053
E	1.1				3045
<	2				3045
<	2				
E	1.8				
<	2				
		10	60		3061
					3053
E	1.2				3045
<	2				3045
<	2				
			60		3061
					3051